

ABSTRACT OF THE DISCLOSURE

A splicing system includes a splicer for seamlessly splicing together
digitally encoded data streams. In a preferred embodiment, the splicer
5 preferably parses successive splice buffers of data stream data for a splice-
out point and a splice-in point, closing an initial ^{group of Pictures GoP} ~~GoP~~ if needed. The
B preferred splicer further finds a new data stream real-time ^{Program clock reference PCR} ~~PCR~~ value for
aligning new data stream decode/presentation, and aligns the new data
stream start time. Concurrently, the splicer preferably uses a frame table to
10 detect overflow and corrects such overflow by adding null packets, thereby
delaying portions of data stream data. The splicer also preferably restores
data stream encoding by deleting null packets, and thereby accelerating a
portion of data stream data. In a further preferred embodiment, the splicer
preferably uses a bit-clock schedule offset to delay or accelerate portions of
15 data stream data.